

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER I-10-026

Relating to Independent Contractor Approval under
California Code of Regulations, Title 17, Section 91207

Horizon Engineering, LLC

WHEREAS, the Air Resources Board (ARB), pursuant to California Health and Safety Code section 41512, has established the procedures contained in California Code of Regulations, title 17, sections 91200-91220, to allow the use of independent testers for compliance tests required by ARB;

WHEREAS, it has been determined that Horizon Engineering, LLC meets the requirements of ARB for conducting ARB Test Methods 1, 2, 3, 4, 5, 16A, 20, 21, 100 (CO, CO₂, NO_x, O₂, SO₂, THC), and Visible Emissions Evaluation (VEE) pursuant to California Code of Regulations, title 17, sections 91200-91220, when the following conditions are met:

1. Horizon Engineering, LLC permanently marks or engraves an identification number on the body of each of its pitot tubes;
2. Horizon Engineering, LLC calibrates its differential pressure gauges after each test series in accordance with section 2.2 of ARB Test Method 2, establishes and maintains a log of the calibrations;
3. Horizon Engineering, LLC acquires and uses ASTM E617 Class 1 weights for calibrating its balances. It must also establish and maintain a log of the calibrations;
4. Horizon Engineering, LLC installs and uses safety cabinets for flammable and acid reagent storage;
5. Horizon Engineering, LLC uses a filter holder, and filter support as required by section 2.1.5 of ARB Test Method 5;
6. Horizon Engineering, LLC calibrates its metering system as required by section 5.3 of ARB Test Method 5, establishes and maintains a log of the calibrations;
7. Horizon Engineering, LLC acquires and uses a 1000-mL volumetric flask and 10-mL burette with markings every 0.05-mL for ARB Test Method 16A;

8. Horizon Engineering, LLC tests the efficiency of the NO₂ converter prior to each source test, when data is not available to demonstrate that the concentration of NO₂ in the sample gas is less than 5 percent of the total NO_x concentration;
9. Horizon Engineering, LLC includes the following information on all strip charts and/or emissions data sheets: pollutant of interest, source, analyzer range, date and time, zero offsets, and the name of the person operating the instruments.
10. The person performing VEE passed ARB's Compliance Training Course #100: Fundamentals of Enforcement (FOE)/Visible Emissions Evaluation (Smoke School) and is currently certified to conduct VEE. Any subsequent recertification must be from a certifying body recognized by ARB at the time VEE reader conducts the VEE test; and

WHEREAS, ARB's Executive Officer, pursuant to California Health and Safety Code section 39516, issued Executive Order G-02-008, delegating to the Chief of ARB's Monitoring and Laboratory Division the authority to approve independent testers in accordance with California Code of Regulations, title 17, sections 91200-91220.

NOW, THEREFORE, I, Alberto Ayala, Chief of ARB's Monitoring and Laboratory Division, order that Horizon Engineering, LLC is granted an approval, from the date of execution of this order, until June 30, 2011, to conduct the tests listed above, subject to compliance with California Code of Regulations, title 17, sections 91200-91220;

BE IT FURTHER ORDERED that during the approved period the Executive Officer or his authorized representative may field audit one or more tests conducted pursuant to this order for each type of testing listed above.

Executed at Sacramento, California this 27th day of July 2010.

Original signed by

Alberto Ayala, Ph.D., M.S.E.
Chief, Monitoring and Laboratory Division